

Viabhav Sharma

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ABOUT MYSELF

Passionate machine learning engineer with 2+ years of experience in machine learning algorithms and python. Fast learner, driven and passionate about leveraging my knowledge, experience and expertise while learning relevant skills along the way. Committed and eager to join a team that communicates and collaborates in order to deliver value and succeed.

EDUCATION

COURSE	SPECIALIZATION	INSITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
Bachelor of Technology	CSE with AI & ML	SRM INSITUTE OF SCIENCE & TECHNOLOGY, KTR	-	8.48 cgpa	2024
CLASS XII	Science	STEPPING STONES SENIOR SECONDARY SCHOOL	CBSE	76.6%	2019
CLASS X	-	DELHI PUBLIC SCHOOL	CBSE	70.6%	2017

Technical Proficiency

- Machine Learning
- Statistical Data Analysis
- Python

PROJECTS

Airplane Fare Prediction Using Machine Learning – Machine Learning

Jan 2023 - Jan 2023

The project aims to minimize the fare prices of the flights by using various machine learning techniques. Plots such as boxplot are used to minimize the outliers in the data. The dataset consists of more than 8000 entries of different flights followed by a different route and with different time interval. Target guided encoding was performed to deal with categorical data. As a result, random forest regressor achieved an accuracy of 95%.

Predict Password Strength using NLP - Machine Learning

Jan 2023 - Jan 2023

The model predicts whether our password is of good strength, average strength, or poor strength. TF (term frequency) IDF (inverse document frequency) vectorizer algorithm was used on the provided data. Then logistic regression was used to get the final output.

Predict Stock using Time Series Analysis - Machine Learning

Jan 2023 – Feb 2023

The model makes use of rolling window concept where the value of stock was compared with stock prior 2-3 days to predict the future value. Auto ARIMA of the ARIMA model was used as an auto correlation function to compute p, d, q values.

Subjects / Electives

- Artificial Neural Network
- Statistical Machine Learning
- Natural Language Processing

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY
Data Science Real World Projects in Python	Udemy
Machine Learning A-Z™: Python & R in Data Science [2022]	Udemy
Statistics for Data Science	Internshala Training

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
Statistics For Data Science	Nov 4, 2022	63 Percentile